

Amendments To The Claims:

Please amend the claims as shown.

1 – 11 (canceled)

12. (currently amended) A method for monitoring a technical installation, comprising:
using a sensor to acquire a physiological reaction of a human during an inspection tour of
a portion of the technical installation,
using an assessment tool to record reaction information acquired with the sensor; and
analyzing the information recorded with the assessment tool to diagnose an operational
condition of a component of the technical installation.

13. (previously presented) The method according to Claim 12, wherein the said
physiological reaction includes one of a neuritic current and changes in the neuritic current, and
blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength
and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and
breathing patterns.

14. (previously presented) The method according to Claim 12, wherein a camera
device is used in the step of using an assessment tool to record the human's sight including
changes in said human's directions of sight..

15. (previously presented) The method according to Claim 12, wherein the human is
equipped with the sensor device to acquire the human's physiological reaction.

16. (previously presented) The method according to Claim 12, wherein using the
assessment tool includes storing the human's physiological reaction in a database, the database
representing a history of the human's physiological reaction.

17. (previously presented) The method according to Claim 12, further comprising an assignment of the acquired human physiological reaction at a failure, a process disturbance, and normal operation of the component in the technical installation.

18. (previously presented) A method for performing a diagnosis of a technical installation, comprising:

providing a sensor device; and

acquiring a physiological reaction from a human with the device during an inspection tour by the human around a portion of the technical installation, using an assessment tool to record reaction information acquired with the sensor and analyzing information recorded with the assessment tool to determine a condition of a portion of the technical installation.

19. (previously presented) The method according to Claim 18, wherein the step of acquiring the human physiological reaction includes acquiring one or more of a neuritic current and changes in the neuritic current, blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and breathing patterns.

20. (previously presented) The method according to Claim 18, wherein a camera device is used as the sensor device with the assessment tool to record the human's sight and changes of said human's directions of sight.

21. (previously presented) The method according to Claim 18, wherein using the assessment tool includes storing the human physiological reaction in a database representing a history of the human's physiological reaction.

22. (previously presented) The method according to Claim 18, wherein the acquired human physiological reaction is assigned one of a failure, process disturbance, and normal operation of a component of the technical installation.